

IN THE CLAIMS

Please cancel claim 6 without prejudice or disclaimer, amend claims 1, 3, 5, 7, 11 and 13, as follows:

1 1. (Currently Twice Amended) A mask for a color cathode ray tube, the mask
2 comprising:

3 a plurality of strips being parallel to each other, being distinguishable from each
4 other, and being located at predetermined intervals; and

5 a plurality of bridges connecting adjacent ones of said strips to each other and
6 forming slots extending from a first surface of said mask to a second surface of said
7 mask, said slots being penetrated by electron beams, said bridges being indented to a
8 predetermined depth from said first surface of said mask so that a thickness of said mask
9 at a central portion of said bridges is relatively thinner than a thickness of said mask at an
10 outer portion of said bridges;

11 said plurality of bridges including first bridges near a central region of said mask
12 and including second bridges near a periphery region of said mask away from said central
13 region, a first width of said first bridges as measured perpendicular to a length direction
14 of said slots being smaller than a second width of said second bridges, said first and
15 second widths being measured perpendicular to the length direction of said slots.

1 2. (Original) The mask of claim 1, said slots formed by said bridges including

2 a first slot, the electron beams entering said first slot at said second surface of said mask
3 and exiting said first slot at said first surface of said mask, said first slot at said second
4 surface having a first center as measured substantially parallel to said first surface of said
5 mask, said first slot at said first surface having a second center as measured substantially
6 parallel to said first surface of said mask, said first and second centers of said first slot
7 not being aligned with each other.

1 3. (Currently Once Amended) The mask of claim 2, said mask having a central
2 region and a periphery region away from said central region, said first slot being located
3 in said periphery region at a first position not close to said central region, said first center
4 being ~~a first distance from~~ closer to said central region[[,]] than said second center ~~being~~
5 ~~a second distance from said central region, said first distance being less than said second~~
6 ~~distance~~, said first center being separated from said second center by a first length as
7 measured substantially parallel to said first surface of said mask.

1 4. (Original) The mask of claim 3, said slots formed by said bridges further
2 including a second slot, the electron beams entering said second slot at said second
3 surface of said mask and exiting said second slot at said first surface of said mask, said
4 second slot at said second surface having a first center as measured substantially parallel
5 to said first surface of said mask, said second slot at said first surface having a second
6 center as measured substantially parallel to said first surface of said mask, said first and

second centers of said second slot not being aligned with each other.

5. (Currently Once Amended) The mask of claim 4, said second slot being located in said periphery region at a position close to said central region, said first center of said second slot being ~~a third distance from~~ closer to said central region ~~[[.]]~~ than said second center of said second slot ~~being a fourth distance from said central region, said third distance being less than said fourth distance,~~ said first center of said second slot being separated from said second center of said second slot by a second length as measured substantially parallel to said first surface of said mask, said second length being less than said first length, ~~said first distance being greater than said third distance.~~

Claim 6. (Canceled)

7. (Currently Once Amended) ~~[[The]]~~ A mask of claim 1, for a color cathode ray tube, the mask comprising:

a plurality of strips being parallel to each other, being distinguishable from each other, and being located at predetermined intervals; and

a plurality of bridges connecting adjacent ones of said strips to each other and forming slots extending from a first surface of said mask to a second surface of said mask, said slots being penetrated by electron beams, said bridges being indented to a predetermined depth from said first surface of said mask so that a thickness of said mask

9 at a central portion of said bridges is relatively thinner than a thickness of said mask at an
10 outer portion of said bridges;

11 said plurality of bridges forming said slots in a slotted region of said mask, said
12 slots not being formed in a non-slotted region of said mask, said plurality of bridges
13 including first bridges near a center of said slotted region of said mask and including
14 second bridges near a periphery of said slotted region away from said center, said first
15 bridges being indented to a first predetermined depth, said second bridges being indented
16 to a second predetermined depth, said first predetermined depth being deeper than said
17 second predetermined depth.

1 8. (Original) The mask of claim 1, said plurality of bridges including first
2 bridges near a central region of said mask and including second bridges near a periphery
3 region of said mask away from said central region, a vertical length of said first bridges
4 as measured substantially parallel to a length direction of said slots being smaller than a
5 vertical length of said second bridges as measured substantially parallel to the length
6 direction of said slots.

1 9. (Original) The mask of claim 1, each one of said slots formed by said
2 plurality of bridges having a first curved portion adjacent to an upper surface of said
3 mask and having a second curved portion adjacent to a lower surface said mask, said first
4 curved portion extending in the length direction of said strips and having a first width as

5 measured substantially perpendicular to a length direction of said strips, said second
6 curved portion extending in the length direction of said strips and having a second width
7 as measured substantially perpendicular to the length direction of said strips, said first
8 width being larger than said second width.

1 10. (Original) The mask of claim 9, said slots formed by said bridges including
2 a first slot, the electron beams entering said first slot at said second surface of said mask
3 and exiting said first slot at said first surface of said mask, said first slot at said second
4 surface having a first center as measured substantially parallel to said first surface of said
5 mask, said first slot at said first surface having a second center as measured substantially
6 parallel to said first surface of said mask, said first and second centers of said first slot
7 not being aligned with each other.

1 11. (Currently Once Amended) The mask of claim 10, said mask having a
2 central region and a periphery region away from said central region, said first slot being
3 located in said periphery region at a first position not close to said central region, said
4 first center being ~~a first distance from~~ closer to said central region ~~[[,]]~~ than said second
5 center ~~being a second distance from said central region, said first distance being less than~~
6 ~~said second distance~~, said first center being separated from said second center by a first
7 length as measured substantially parallel to said first surface of said mask.

1 12. (Original) The mask of claim 11, said slots formed by said bridges further
2 including a second slot, the electron beams entering said second slot at said second
3 surface of said mask and exiting said second slot at said first surface of said mask, said
4 second slot at said second surface having a first center as measured substantially parallel
5 to said first surface of said mask, said second slot at said first surface having a second
6 center as measured substantially parallel to said first surface of said mask, said first and
7 second centers of said second slot not being aligned with each other.

1 13. (Currently Once Amended) The mask of claim 12, said second slot being
2 located in said periphery region at a position close to said central region, said first center
3 of said second slot being ~~a third distance from~~ closer to said central region[[.]] than said
4 second center of said second slot ~~being a fourth distance from said central region, said~~
5 ~~third distance being less than said fourth distance~~, said first center of said second slot
6 being separated from said second center of said second slot by a second length as
7 measured substantially parallel to said first surface of said mask, said second length being
8 less than said first length, ~~said first distance being greater than said third distance.~~

1 14. (Previously Once Amended) A method of manufacturing a mask for a
2 color cathode ray tube, the method comprising:
3 coating upper and lower surfaces of a thin plate with photosensitive films;
4 arranging an upper exposure mask on said upper surface of said thin plate, said

5 upper exposure mask having an exposure pattern with upper light transmission strips
6 being formed in parallel to each other;

7 arranging a lower exposure mask on said lower surface of said thin plate, said
8 lower exposure mask having an exposure pattern with lower light transmission strips
9 being formed in parallel to each other, and having lower light blocking bridges separating
10 said lower light transmission strips;

11 exposing said photosensitive films to light in a state where said upper and lower
12 exposure masks are arranged on said thin plate;

13 separating said upper and lower exposure masks from said thin plate, and
14 developing said photosensitive films on said thin plate;

15 when said developing of said photosensitive films is performed, etching said thin
16 plate; and

17 molding said thin plate to have a predetermined curvature, said molded thin plate
18 corresponding to said mask for the color cathode ray tube.

1 15. (Original) The method of claim 14, each of said upper light transmission
2 strips having a first width, each of the lower light transmission strips having a second
3 width, said first width being larger than said second width.

1 16. (Original) The method of claim 15, said upper exposure mask not having
2 upper light blocking bridges separating said upper light transmission strips.

1 17. (Original) The method of claim 14, said upper exposure mask not having
2 upper light blocking bridges separating said upper light transmission strips.

1 18. (Original) An exposure mask assembly, comprising:
2 an upper exposure mask being closely attached to an upper surface of a thin plate,
3 said upper surface being coated with photosensitive films, said upper exposure mask
4 having an exposure pattern with upper light transmission strips being formed in parallel
5 to each other; and

6 a lower exposure mask being closely attached to a lower surface of said thin plate,
7 said lower surface being coated with photosensitive films, said lower exposure mask
8 having an exposure pattern with lower light transmission strips being formed in parallel
9 to each other, and having lower light blocking bridges separating said lower light
10 transmission strips, said lower light blocking bridges blocking light;

11 said photosensitive films on said upper and lower surfaces being exposed to light
12 penetrating said upper and lower exposure masks through said upper and lower light
13 transmission strips, respectively.

1 19. (Original) The exposure mask assembly of claim 18, each of said upper
2 light transmission strips having a first width, each of the lower light transmission strips
3 having a second width, said first width being larger than said second width.

1 20. (Original) The exposure mask assembly of claim 19, said upper exposure
2 mask not having upper light blocking bridges separating said upper light transmission
3 strips.

1 21. (Original) The exposure mask assembly of claim 18, said upper exposure
2 mask not having upper light blocking bridges separating said upper light transmission
3 strips.

1 22. (Previously Added) The mask of claim 1, said plurality of strips
2 corresponding to light blocking strips, said first surface of said mask corresponding to an
3 upper surface of said mask, said second surface of said mask corresponding to a lower
4 surface of said mask, said mask being manufactured by coating upper and lower surfaces
5 of said mask with photosensitive films, arranging an upper exposure device on said upper
6 surface of said mask, said upper exposure device having an exposure pattern with upper
7 light transmission strips being formed in parallel to each other, arranging a lower
8 exposure device on said lower surface of said mask, said lower exposure device having an
9 exposure pattern with lower light transmission strips being formed in parallel to each
10 other and having lower light blocking bridges separating said lower light transmission
11 strips, exposing said photosensitive films to light in a state where said upper and lower
12 exposure devices are arranged on said mask, separating said upper and lower exposure

13 devices from said mask, developing said photosensitive films on said mask, etching said
14 mask when said developing of said photosensitive films is performed, and molding said
15 mask to have a predetermined curvature.

1 23. (Previously Added) The mask of claim 1, said plurality of strips
2 corresponding to light blocking strips, said first surface of said mask corresponding to an
3 upper surface of said mask, said second surface of said mask corresponding to a lower
4 surface of said mask, said mask being formed by an exposure mask assembly, said
5 exposure mask assembly comprising:

6 an upper exposure device being closely attached to said upper surface of said
7 mask, said upper surface being coated with photosensitive films, said upper exposure
8 device having an exposure pattern with upper light transmission strips being formed in
9 parallel to each other; and

10 a lower exposure device being closely attached to said lower surface of said mask,
11 said lower surface being coated with photosensitive films, said lower exposure device
12 having an exposure pattern with lower light transmission strips being formed in parallel
13 to each other and having lower light blocking bridges separating said lower light
14 transmission strips, said lower light blocking bridges blocking light;

15 said photosensitive films on said upper and lower surfaces being exposed to light
16 penetrating said upper and lower exposure devices through said upper and lower light
17 transmission strips, respectively.

1 24. (Previously Added) The method of claim 14, said mask for the color
2 cathode ray tube including a plurality of light blocking strips parallel to each other and
3 distinguishable from each other and located at predetermined intervals, said mask for the
4 color cathode ray tube including a plurality of connecting bridges that connect adjacent
5 ones of said light blocking strips to each other, said mask for the color cathode ray tube
6 including slots formed by said etching, said slots extending from said upper surface to
7 said lower surface and being penetrated by electron beams, said connecting bridges being
8 indented to a predetermined depth from said upper surface so that a thickness of said
9 mask for the color cathode ray tube at a central portion of said connecting bridges is
10 relatively thinner than a thickness of said mask for the color cathode ray tube at an outer
11 portion of said connecting bridges.

1 25. (Previously Added) The method of claim 14, said upper and lower exposure
2 masks forming an exposure mask assembly, said upper exposure mask being closely
3 attached to said upper surface of said thin plate, said lower exposure mask being closely
4 attached to said lower surface of said thin plate, said exposing of said photosensitive
5 films corresponding to light penetrating said upper and lower exposure masks through
6 said upper and lower light transmission strips, respectively.

1 26. (Previously Added) The exposure mask assembly of claim 18, said thin

2 plate including a plurality of light blocking strips parallel to each other and
3 distinguishable from each other and located at predetermined intervals, said thin plate
4 including a plurality of connecting bridges that connect adjacent ones of said light
5 blocking strips to each other, said thin plate including slots that extend from said upper
6 surface to said lower surface and that are penetrated by electron beams, said connecting
7 bridges being indented to a predetermined depth from said upper surface of said thin plate
8 so that a thickness of said thin plate at a central portion of said connecting bridges is
9 relatively thinner than a thickness of said thin plate at an outer portion of said connecting
10 bridges.

1 27. (Previously Added) The exposure mask assembly of claim 18, said thin
2 plate corresponding to a mask for a cathode ray tube, said mask for the cathode ray tube
3 being manufactured by separating said upper and lower exposure masks from said thin
4 plate after said photosensitive films are exposed to light, developing said photosensitive
5 films, etching said thin plate, and molding said thin plate to have a predetermined
6 curvature.